



Checklist of the broad-headed bugs (Insecta: Hemiptera: Alydidae) of Alabama, United States

Carl Scott Clem* and Charles H. Ray

Auburn University, Department of Entomology and Plant Pathology, 301 Funchess Hall, Auburn, AL, USA 36849

* Corresponding author. E-mail: raychah@auburn.edu

Abstract: The purpose of this project was to investigate the distribution of the insect family Alydidae in the state of Alabama. Eight species and six genera were confirmed to be present, and all are new state records. The genus *Hyalymenus* and the species *Stenocoris furcifera* were previously only recorded in Florida, but are distributed well within Alabama. Although North American members of this family are not economically important, destructive species do exist in Asia and Africa. This information, therefore, will be useful in the potential event of an introduction.

Key Words: Heteroptera; Alydinae; Micrellytrinae

INTRODUCTION

With five physiographic provinces ranging from coastal plains on its southern tip to rugged peaks in the northeast, Alabama hosts 64 types of terrestrial ecosystems including 25 forests/woodlands, 11 wetlands, and seven glades and prairies (Duncan 2013). The state is ranked as the most speciose state in the eastern United States and the fifth most in the country with over 4,500 species of plants and animals, a count that only includes select insect groups with well-documented distributions (Stein 2002). Alabama is also ranked second highest in extinction rate, making it increasingly important to study the species within. Remarkably, many common species, especially among several insect taxa, have yet to be fully documented in this state. The family Alydidae is one such group. To our knowledge, not a single report of a member of the family Alydidae from Alabama has been published prior to this study.

The family Alydidae (Hemiptera: Heteroptera) is known as the broad-headed bugs. These insects typically are found along roadsides and in woodland areas. The common name 'broad-headed bug' refers to the subfamily Alydinae, whose members have heads that are relatively broader proportionally than those of most

other Heteroptera. Members of this subfamily tend to feed on legumes, but have also been reported as carrion feeders (Schaefer 1980). Members of the second subfamily, Micrellytrinae, are primarily grass feeders (Schaefer and Mitchell 1983). All members of Alydinae and many members of Micrellytrinae have nymphs that are thought to be ant mimics (Panizzi et al. 2000).

Approximately 53 Alydid genera occur throughout the world, 19 of which are restricted to the New World (Schaefer 2004). Thirty-two species representing 12 genera are known to occur in the United States (Froeschner 1988). These numbers may be incomplete, however, because some groups are in need of revision.

MATERIALS AND METHODS

The majority of specimens examined for this project were those collected in the state of Alabama, which is located in the southeastern United States (Figure 1). Specimens were collected using a variety of techniques, but use of a sweep net was the most common method for most species. Records were organized according to county, and used to establish range distribution maps. The majority of specimens are vouchered in the Auburn University Museum of Natural History, but specimens from the Florida State Collection of Arthropods, The Mississippi Entomological Museum, The Georgia Museum of Natural History, The University of Tennessee Insect Collection, and The Alabama Museum of Natural History were also examined.

Specimens were identified using keys from Torre-Bueno (1941), Schaefer (2004), Ahmad (1965), and Jansen and Halbert (2016). Froeschner (1988) was useful as a catalogue of the species and their distribution records prior to 1988.

RESULTS

Of the nearly 550 specimens examined, six genera and at least eight species (counting *Hyalymenus* as one species that is possibly multiple species pending revision) were



Figure 1. Map of Alabama with corresponding counties. The state is approximately 135,765 km² and extends from 34.9920° N to 30.2299° N, and 088.4699° W to 084.8922° W.

recorded as being present in Alabama. These are all listed below. Distribution maps based on county presence are shown in Figures 2 and 3. A list of all examined specimens, their digitized voucher numbers, and geographic coordinates are listed in the Appendix.

Alydinae

Alydini

Alydus Fabricius, 1803

A. eurinus Say, 1825

A. pilosulus Herrich-Schaeffer, 1848

Hyalymenus Amyot & Serville, 1843 (subgenus *Tivarbus* Stål, 1859)

Megalotomus Feiber, 1860

M. quinquespinosus Say, 1825

Stachyocnemus Stål, 1870

S. apicalis Dallas, 1852

Micrellytrinae

Micrellytrini

Esperanza Barber, 1906

E. texana Barber, 1906

Leptocorisini

Stenocoris Burmeister, 1839 (subgenus *Stenocoris* Burmeister, 1839)

S. (S.) tipuloides De Geer, 1773

Stenocoris Burmeister 1839 (subgenus *Oryzocoris* Ahmad, 1965)

S. (O.) furcifera Westwood, 1842

Alydus eurinus (Say, 1825: 324) (Figure 4): Distinguishing characteristics: posterior pronotal corners rounded; no fascia on side of head; dorsolateral margin of pronotum not more heavily pilose than rest of pronotum; generally with overall dark, almost black coloration but sometimes lighter.

Alydus pilosulus (Herrich-Schaeffer, 1848: 101) (Figure 5): Distinguishing characteristics: posterior pronotal corners angulate; light colored fascia on side of head continuous with similarly colored rather heavily pilose dorsolateral margin of pronotum; often lighter than *A. eurinus* but sometimes dark.

Megalotomus quinquespinosus (Say, 1825: 323) (Figure 6): Distinguishing characteristics: scent gland auricle distinctly bilobed; often somewhat reddish coloration; generally larger than *Alydus* species with first antennal segment longer than second.

Stachyocnemus apicalis (Dallas, 1852: 479) (Figure 7): metathoracic scent gland peritreme absent; hind tibiae with two rows of prominent spines.

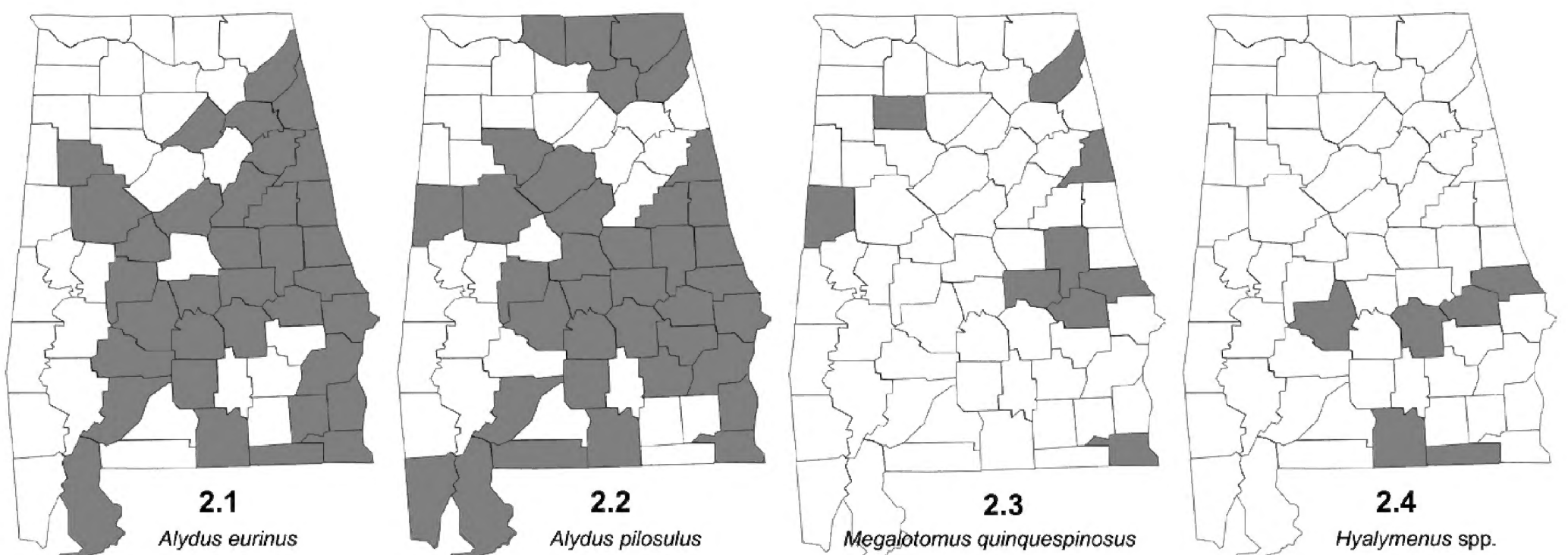


Figure 2. Alabama species distributions of the subfamily Alydinae. **2.1:** *Alydus eurinus* (Say, 1825). **2.2:** *Alydus pilosulus* (Herrich-Schaeffer, 1848). **2.3:** *Megalotomus quinquespinosus* (Say, 1825). **2.4:** *Hyalymenus* (Amyot and Serville, 1843). **2.5:** *Stachyocnemus apicalis* (Dallas, 1852).

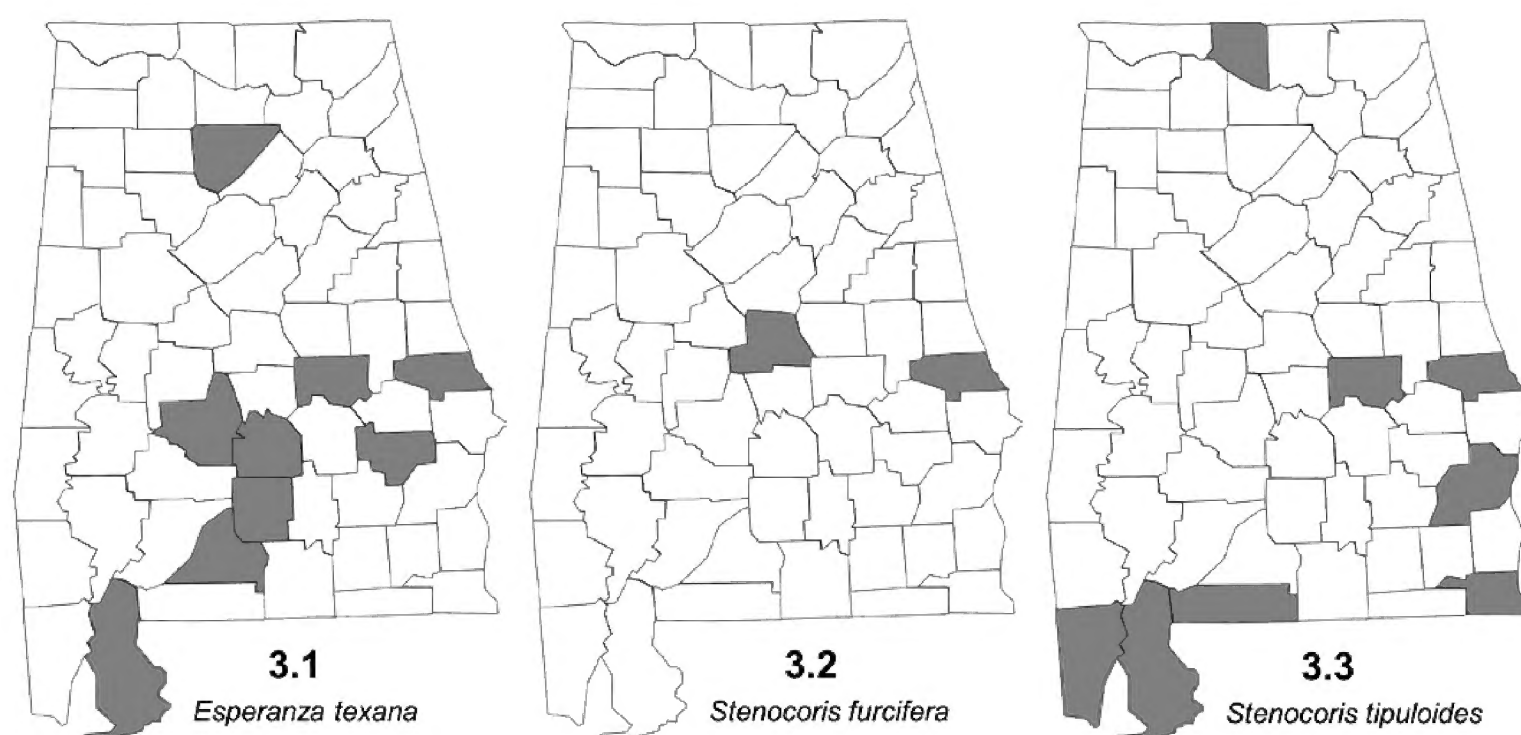


Figure 3. Alabama species distributions of the subfamily Micrellytrinae. **3.1:** *Esperanza texana* (Barber, 1906). **3.2:** *Stenocoris furcifera* (Westwood, 1842). **3.3:** *Stenocoris tipuloides* (De Geer, 1773).



Figure 4. *Alydus eurinus* (Say, 1825).



Figure 5. *Alydus pilosulus* (Herrich-Schaeffer, 1848).

***Hyalymenus* sp.** (Amyot and Serville, 1843: 224) (Figure 8): Distinguishing characteristics: posterior margin of pronotum immediately anterior to base of scutellum straight; hind tibia curved; often with large white splotches, sometimes faint, on lateral part of thorax.

Esperanza texana (Barber, 1906: 270) (Figure 9): Distinguishing characteristics: spine on tip of scutellum but not of posterolateral angles of pronotum; metathoracic scent gland ridged, separating it from members of the tribe Leptocorisini.

Stenocoris furcifera (Westwood, 1842: 18) (Figure 10): Distinguishing characteristics: median longitudinal red line on ventral abdominal segments present, sometimes faint; black spot not present on hemelytra.

Stenocoris tipuloides (De Geer, 1773: 10) (Figure 11): Distinguishing characteristics: at rest, appearance of black, somewhat triangular dorsal spot on hemelytra; median longitudinal red line of ventral abdominal segments absent.

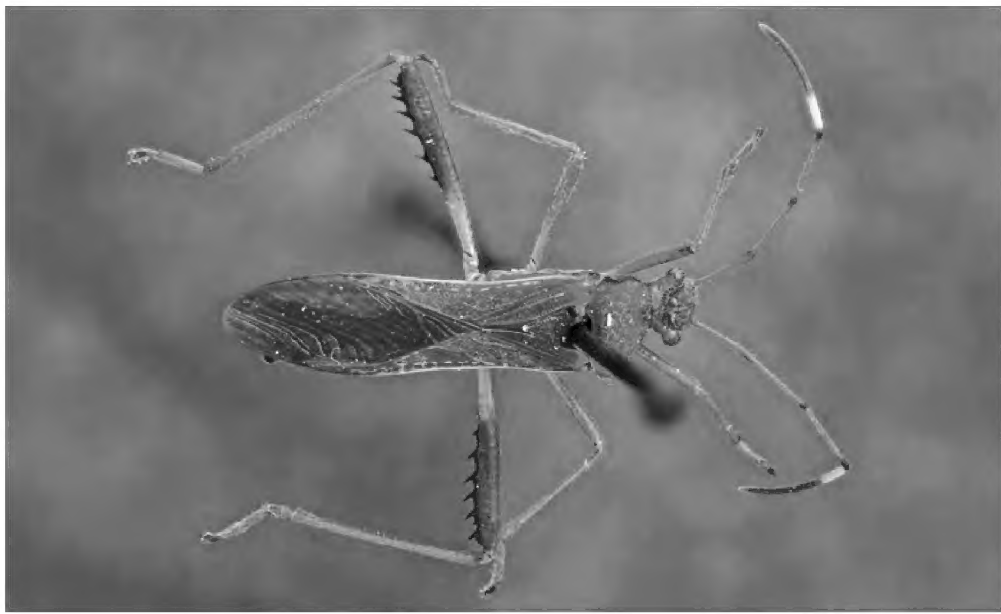


Figure 6. *Megalotomus quinquespinosus* (Say, 1825).

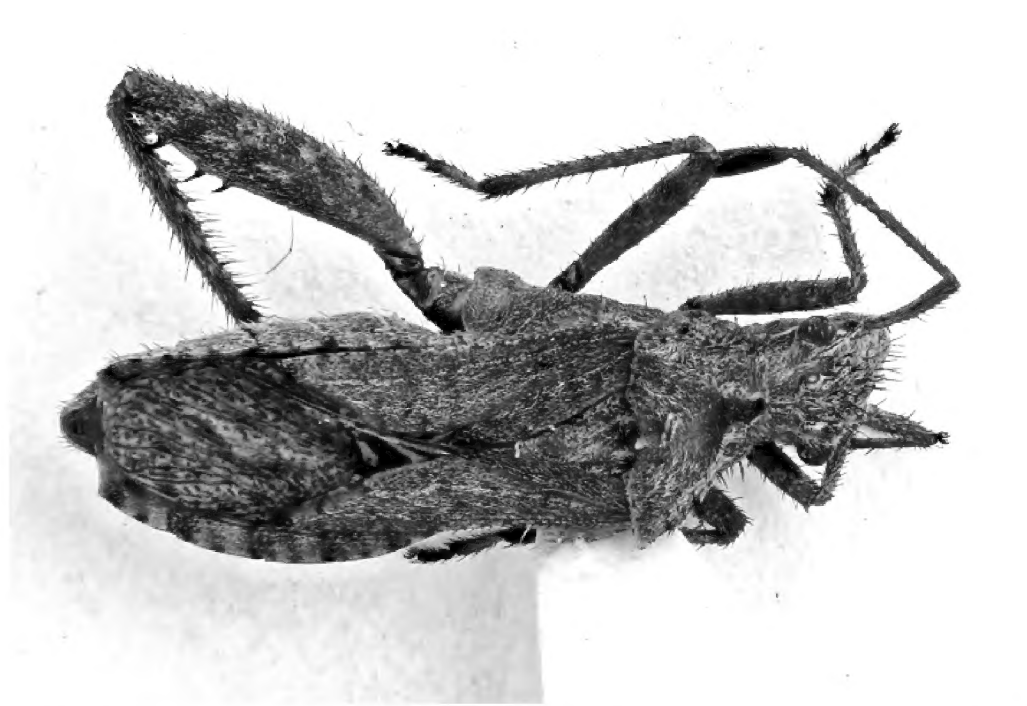


Figure 7. *Stachiocnemus apicalis* (Dallas, 1852).

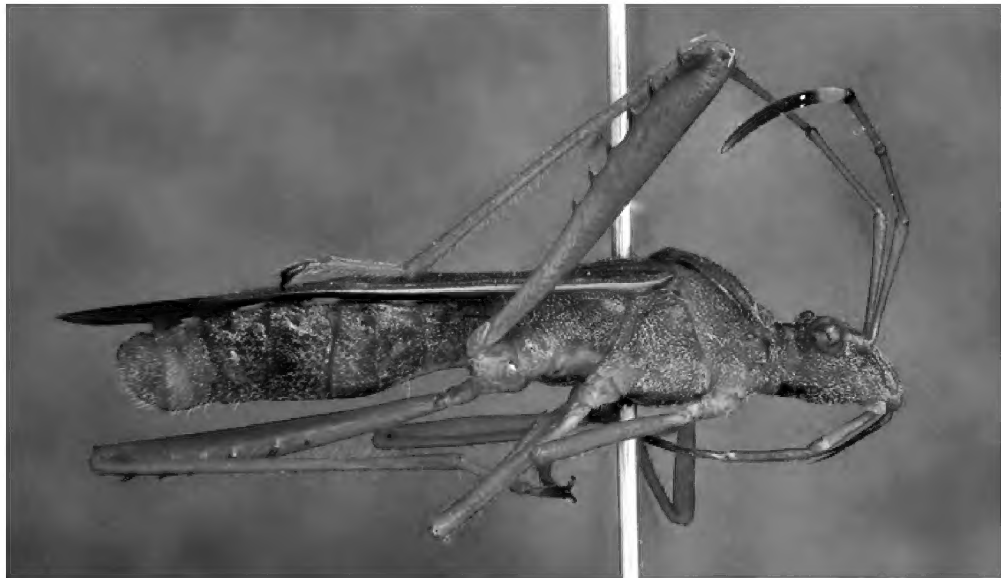


Figure 8. *Hyalymenus* sp. (Amyot and Serville, 1843).

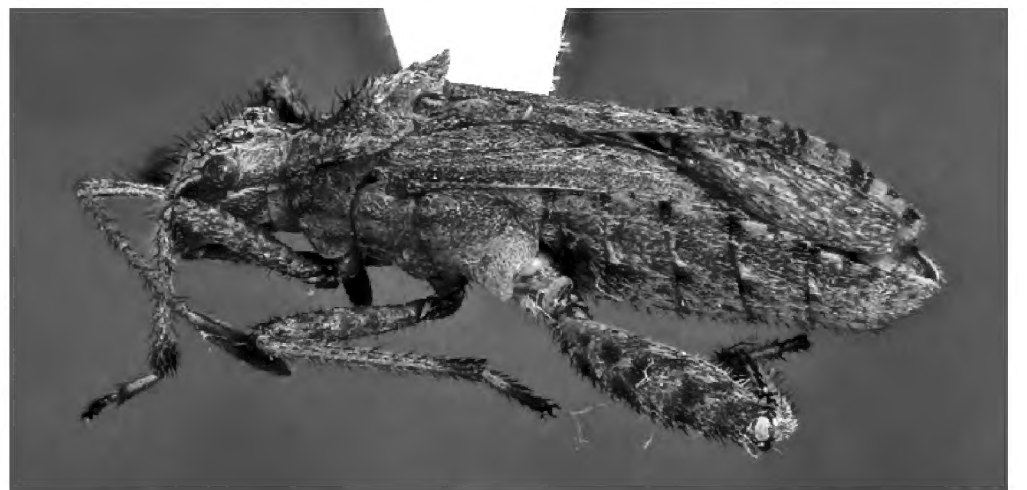


Figure 9. *Esperanza texana* (Barber, 1906).



Figure 10. *Stenocoris furcifera* (Westwood, 1842).



Figure 11. *Stenocoris tipuloides* (De Geer, 1773).



DISCUSSION

This study presents the first official reports of the family Alydidae in Alabama. At least eight species are recorded from the state. Although these distributions likely are incomplete, much information can be drawn from them. Based on the catalog presented by Froeschner (1988), *Alydus pilosulus*, *Alydus eurinus*, *Megalotomus quinquespinosus*, and *Stachyocnemus apicalis* have a nearly nation-wide distribution. The first three are also found to be widespread throughout Alabama (Figures 2.1–2.3). *Stachyocnemus apicalis* is notorious for being difficult to collect and has only been recorded from Dale County (Figure 2.5), but it is likely present throughout the state.

The genus *Hyalymenus* is in need of revision. We were unable to identify the specimens collected in Alabama using the key produced by Torre-Bueno (1941). The presence of this genus in the southeastern U.S. was previously thought to be restricted to Florida (Froeschner 1988). Our records indicate that *Hyalymenus* can be found as far north as Lee County, Alabama (Figure 2.4). One specimen was collected underneath the bark of a hickory tree (*Carya* sp.) in Montgomery, Alabama during February, implying that it over-winters as an adult. Several other specimens were collected in Geneva County while sweeping soybeans (*Glycine max* [L.]). This could be evidence that much like other Alydinae, its host range includes legumes.

Esperanza texana is also found throughout the state (Figure 3.1). This species has been associated with

bermudagrass (*Cynodon dactylon* [L.]), and is suspected of expanding its distribution with human habitation (Froeschner 1980). It has been recorded previously in South Carolina, Georgia, Florida, Mississippi, Louisiana, and Texas (Wheeler and Henry 1984), but not Alabama.

Froeschner (1988) reported *Stenocoris furcifera* and *Stenocoris tipuloides* as only occurring in Florida. Our study extends that distribution to include Alabama. Very few records of *S. furcifera* have been uncovered in Alabama, but it has been recorded in the central part of the state (Figure 3.2). *Stenocoris tipuloides*, however, was captured in the far northern county of Limestone (Figure 3.3), suggesting that it has a distribution extending inland. Hoffman (1994) mentions one record of this species from Virginia, and two records from South Carolina.

The northern part of Alabama is much less extensively surveyed. Such counties may harbor additional species records such as *Alydus conspersus* (Montandon 1893: 49) or *Protenor belfragei* (Haglund 1868: 162), although the records from Froeschner (1988) indicate that they reside mostly in the far northern states. There is a greater possibility that there are undetected species in southern Alabama. In Jansen and Halbert (2016), 14 species of Alydidae are recorded from Florida. All of the species found in Alabama also occur in Florida. Based on examination of specimens housed at the Florida State Collection of Arthropods, many of those additional species appear to be restricted to southern Florida but could possibly extend into Alabama.

Outside of Alabama, potential new county and state records based on specimens housed in the Auburn University Museum of Natural History and some from the University of Tennessee Insect Collection should also be noted. *Alydus eurinus* is recorded from Hart County, Kentucky, Lee County, Virginia, and Coffee County, Tennessee (new state record). *Alydus pilosulus* is recorded from Clermont County, Ohio (new state record), Tifton County, Georgia (new state record), Highlands County, Florida, and Coffee County, Tennessee (new state record). *Hyalymenus* sp. are recorded from Okaloosa and Brevard Counties in Florida, *Megalotomus quinquespinosus* is recorded from Highlands County, Florida, *Stachyocnemus apicalis* is recorded from Custer County, South Dakota (new state record), *Stenocoris tipuloides* is recorded from Brazos County, Texas and Bay, Highlands, Okaloosa, and Walton Counties in Florida, and *Stenocoris furcifera* is recorded from Highlands County, Florida. Additionally, a species record for *Alydus conspersus* exists from Custer County, South Dakota (new state record), and *Protenor australis* was collected in Highlands County, Florida.

Although North American members of this family of insects are not of great economic importance, it is still imperative that this group is monitored. The genus *Leptocoris* is an important rice pest in Asia and the Pacific, and *Riptortus* is a major pest of legumes in Africa and Asia (Panizzi et al. 2000; Sands 1977). Jansen and Halbert (2016) present a key to the Florida species that includes some of these economically important species.

ACKNOWLEDGEMENTS

This paper is contribution No. 737 of the Auburn University Museum of Natural History. We would like to thank Dr. Susan Halbert at the Florida State Collection of Arthropods, Dr. Terence Schiefer at the Mississippi Entomological Museum, Dr. E. Richard Hoebeke at the Georgia Museum of Natural History, Dr. Paris Lambdin at the University of Tennessee Insect Collection, and Mary Beth Prondzinski and Dr. Grover Ward at the Alabama Museum of Natural History for allowing us to examine their specimens from Alabama. Thanks to Dr. David Held at Auburn University for reviewing an earlier version of this manuscript and Dr. Nathaniel Hardy for allowing us to use his photography equipment. We also thank Dr. Susan Halbert and Andrew Jansen for collaborating with us and allowing us to review their in-press paper on the Alydidae of Florida. Finally, we thank Alan Jeon and Savannah Duke for collecting additional specimens of *Hyalymenus* for our records.

LITERATURE CITED

Ahmad, I. 1965. The Leptocorisinae (Heteroptera: Alydidae) of the world. Bulletin of the British Museum (Natural History), Entomology, Supplement 5: 1–156.

- Amyot, C.J.B. and J.G.A. Serville. 1843. Histoire naturelle des insectes Hémiptères; in: Suites à Buffon. Paris: Fain et Thunot. lxxvi + 675 + 8 pages [Atlas], 12 plates.
- Barber, H.G. 1906. Hemiptera from southwestern Texas. Museum of the Brooklyn Institute of Arts and Sciences, Science Bulletin 1: 255–289.
- Burmeister, H.C.C. 1839. Handbuch der Entomologie. Abtheil 2 (Zweite Hälfte): 757–1050. Berlin: T. Enslin.
- Dallas, W.S. 1852. List of specimens of hemipterous insects in the collection of the British Museum. Vol. 2: 369–592, pl. 12–15. London: Taylor and Frances.
- De Geer, C. 1773. Mémoires por servir à l'Histoire des Insects. Volume 3. ii + 696 pp, 44 pl. P., Stockholm: Hosselberg.
- Duncan, S. 2013. Southern wonder: Alabama's surprising biodiversity. Tuscaloosa: University of Alabama Press. 464 pp.
- Fabricius, J.C. 1803. Systema Rhyngotorum secundum ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. Brunsvigae: Carolum Reichard. 314 pp. doi:10.5962/bhl.title.11644
- Froeschner, R.C. 1980. Is *Esperanza texana* Barber (Hemiptera: Alydidae) extending its range? Entomological News 91: 92. <http://www.biodiversitylibrary.org/page/2693472>
- Froeschner, R.C. 1988. Family Alydidae Amyot and Serville, 1843. The broad headed bugs; pp. 4–11, in: T.J. Henry and R.C. Froeschner (eds.). Catalog of the Heteroptera, or true bugs, of Canada and the continental United States. New York: E.J. Brill.
- Haglund, C.J.E. 1868. Hemiptera nova. Stettiner Entomologische Zeitung 29: 150–163. <http://biodiversitylibrary.org/page/33757304>
- Herrich-Schaeffer, G.A.W. 1848. Die Wanzenartigen Insecten. C.H. Zeh'schen Buchhandlung, Nürnberg. 8: 101–130. doi: 10.5962/bhl.title.11547
- Hoffmann, R.L. 1994. Additions and emendations to the Virginia fauna of "true bugs" (Heteroptera: Cydnidae, Scutelleridae, Pentatomidae, Alydidae). Banisteria 3: 15–19.
- Jansen, M.A. and S.E. Halbert. 2016. Key to Florida Alydidae (Hemiptera: Heteroptera) and selected exotic pest species. Insecta Mundi 0476: 1–14. http://centerforsystematicentomology.org/insectamundi/0476_JansenandHalbert_2016.pdf
- Montandon, A.L. 1893. Lygaeides exotiques. Notes et descriptions d'espèces nouvelles. Annals de la Société Entomologique de Belgique 37: 399–406.
- Panizzi, A.R., C.W. Schaefer, and Y. Natuhara. 2000. Chapter 10: broad headed bugs (Alydidae); pp. 321–336, in: P.W. Schaefer and A.R. Panizzi (eds.). Heteroptera of economic importance. Boca Raton: CRC Press.
- Sands, D.P.A. 1977. The biology and ecology of *Leptocoris* (Hemiptera: Alydidae) in Papua New Guinea (Research Bulletin 8). Papua New Guinea: Department of Plant Industry. 104 pp.
- Say, T. 1825. Descriptions of the new hemipterous insects collected in the expedition to the Rocky Mountains, performed by order of Mr. Calhoun, Secretary of War, under command of Major Long. Journal of the Academy of Natural Sciences of Philadelphia 4: 307–345. <http://biodiversitylibrary.org/page/24655425>
- Schaefer, C.W. 1980. The host plants of the Alydinae, with a note of heterotypic feeding aggregations (Hemiptera: Coreoidea: Alydidae). Journal of the Kansas Entomological Society 53(1): 115–122. <http://www.jstor.org/stable/25084009>
- Schaefer, C.W., and P.L. Mitchell. 1983. Food plants of the Coreoidea (Hemiptera: Heteroptera). Annals of the Entomological Society of America 76: 591–615. doi: 10.1093/aesa/76.4.591
- Schaefer, C.W. 2004. Key to the genera of new world Alydidae (Hemiptera: Heteroptera). Proceedings of the Entomological Society of Washington 106 (2): 280–827. doi: <http://biodiversitylibrary.org/page/30134843>

Stål, C. 1859. Till Kännedomen om Coreida. Öfversigt af Kongliga Svenka Vetenskaps-Akademiens Förhandlingar 16(10): 449–475. <http://biodiversitylibrary.org/page/15963569>

Stål, C. 1870. Enumeratio Hemipterorum: Bidrag till en företeckning öfver alla hittills kända Hemiptera, jemte systematiska meddelanden. Parts 1–5. Kongliga Svenska Vetenskaps-Akademiens Handlingar (N.F.) 9(1): 1–232. <http://biodiversitylibrary.org/page/33820694>

Stein, B.A. 2002. States of the Union: ranking America’s biodiversity. Arlington: NatureServe. <http://www.natureserve.org/biodiversity-science/publications/states-union-ranking-americas-biodiversity>

Torre-Bueno, J.R. 1941. A synopsis of the Hemiptera-Heteroptera of America north of Mexico Part II: families Coreidae, Alydidae, Corizidae, Neididae, Pyrrhocoridae, and Thaumastotheriidae. Entomologica America 21: 41–122.

Westwood, J.O. 1842. A catalogue of Hemiptera in the collection of the Rev. F.W. Hope, with short Latin descriptions of new species. London: J. Bridgewater 2: 1–26.

Wheeler, A.G., and T.J. Henry. 1984. Host plants, distribution, and description of fifth-instar nymphs of two little-known Heteroptera, *Arhyssus hirtus* (Rhopalidae) and *Esperanza texana* (Alydidae). Florida Entomologist 67(4): 521–529. <http://journals.fcla.edu/flaent/article/view/57961>

Author Contributions: SC was the principal investigator on the project, gathering and identifying the majority of the museum material. He also photographed the specimens and did the majority of the writing for this manuscript. CR served as the advisor, helping with initial identification when necessary while also collecting new specimens and reviewing earlier versions of this manuscript.

Received: 24 March 2016

Accepted: 26 August 2016

Academic editor: Marcus Guidoti

APPENDIX

Table A1. List of specimens of Alydidae of Alabama.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
Alydinae					
<i>Alydus conspersus</i>	SD: Custer	AUMI00039279	2 July 2013	43.61153° N, 103.42111° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Autauga	AUMI00039150	26 October 2014	32.3305° N, 086.4984° W	Sweep net
<i>Alydus eurinus</i>	AL: Autauga	AUMI00039151	26 October 2014	32.3305° N, 086.4984° W	Sweep net
<i>Alydus eurinus</i>	AL: Autauga	AUMI00039223	17 July 1965	32.5792° N, 086.4997° W	
<i>Alydus eurinus</i>	AL: Baldwin: Fairhope	AUMI00039691	16 April 1966	30.5230° N, 087.9033° W	
<i>Alydus eurinus</i>	AL: Barbour	AUMI00039563	8 June 2014	32.143° N, 085.3071° W	Sweep net
<i>Alydus eurinus</i>	AL: Barbour	AUMI00039564	8 June 2014	32.143° N, 085.3071° W	Sweep net
<i>Alydus eurinus</i>	AL: Barbour: Blue Springs	AUMI00039533	29 June 1965	31.6638° N, 085.5066° W	
<i>Alydus eurinus</i>	AL: Barbour: Wildlife Management Area	AUMI00039226	21 July 1965	31.9954° N, 085.4583° W	
<i>Alydus eurinus</i>	AL: Bibb: Brent	AUMI00039239	25 September 1965	32.9373° N, 087.1647° W	
<i>Alydus eurinus</i>	AL: Bibb: Centrville	AUMI00039240	25 September 1965	32.9446° N, 087.1386° W	
<i>Alydus eurinus</i>	AL: Bibb: Woodstock	AUMI00039112	25 April 2008	33.2068° N, 087.1500° W	
<i>Alydus eurinus</i>	AL: Blount: Highland Lake	AUMI00039599	1 October 2013	33.8823° N, 086.4217° W	
<i>Alydus eurinus</i>	AL: Blount: Highland Lake	AUMI00105804	2012	32.8823° N, 086.4217° W	
<i>Alydus eurinus</i>	AL: Butler	AUMI00039261	3 August 2014	31.7916° N, 086.4968° W	Sweep net
<i>Alydus eurinus</i>	AL: Calhoun	AUMI00039065	8 May 2011	33.6262° N, 085.5200° W	
<i>Alydus eurinus</i>	AL: Chambers	AUMI00039139	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00039140	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00039142	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00039143	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00039146	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088436	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088437	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088438	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088439	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088440	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Chambers	AUMI00088441	19 September 2015	32.8958° N, 085.4612° W	Sweep net
<i>Alydus eurinus</i>	AL: Cherokee: Ft. Payne	AUMI00039227	17 September 1965	34.4443° N, 085.7197° W	
<i>Alydus eurinus</i>	AL: Clay	AUMI00039559	11 May 2014	33.1585° N, 085.7505° W	Sweep net
<i>Alydus eurinus</i>	AL: Clay	AUMI00039610	8 June 2013	33.43986° N, 085.7711° W	Sweep net
<i>Alydus eurinus</i>	AL: Clay	AUMI00127459	29 May 2016	33.1906° N, 086.0488° W	Sweep net
<i>Alydus eurinus</i>	AL: Clay: Hollis Mngmnt Area	AUMI00127466	15 June, 2016	33.17631° N, 086.16538° W	
<i>Alydus eurinus</i>	AL: Cleburne	AUMI00039084	22 July 1978	33.6262° N, 085.5200° W	
<i>Alydus eurinus</i>	AL: Cleburne	AUMI00039085	22 July 1978	33.6262° N, 085.5200° W	
<i>Alydus eurinus</i>	AL: Cleburne	AUMI00039126	23 October 2010	33.6262° N, 085.5200° W	Sweeping Kudzu (<i>Pueraria lobata</i>)
<i>Alydus eurinus</i>	AL: Cleburne	AUMI00039130	8 May 2011	33.6262° N, 085.5200° W	Sweeping roadside Vegetation
<i>Alydus eurinus</i>	AL: Cleburne: Cheaha St. Pk.	AUMI00127464	8 May, 2016	33.6480° N, 085.6311° W	
<i>Alydus eurinus</i>	AL: Cleburne: Cheaha St. Pk.	AUMI00127465	8 May, 2016	33.6480° N, 085.6311° W	
<i>Alydus eurinus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039153	17 September 1965	33.2439° N, 086.1345° W	
<i>Alydus eurinus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039525	17 September 1965	33.2439° N, 086.1345° W	
<i>Alydus eurinus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039580	8 June 2013	33.2439° N, 086.1345° W	Sweep net

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus eurinus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039582	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus eurinus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039585	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus eurinus</i>	AL: Coosa	AUMI00075499	21 June 2015	33.0353° N, 086.1214° W	Sweep net
<i>Alydus eurinus</i>	AL: Coosa	AUMI00075500	21 June 2015	33.0353° N, 086.1214° W	Sweep net
<i>Alydus eurinus</i>	AL: Covington: Solon Dixon Center	AUMI00113007	5 August 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Covington: Solon Dixon Center	AUMI00113008	28 June 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Covington: Solon Dixon Center	AUMI00113009	5 August 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Covington: Solon Dixon Center	AUMI00113010	29 June 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Covington: Solon Dixon Center	AUMI00113011	27 July 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus eurinus</i>	AL: Dale: Ft. Rucker	GA Museum Nat. Hist.	4 October 2002	31.3401° N, 085.7154° W	
<i>Alydus eurinus</i>	AL: Dallas	AUMI00075868	3 July 2015	32.3229° N, 086.9053° W	Sweep net
<i>Alydus eurinus</i>	AL: Dekalb: Alpine	MS Ent. Museum	28 September 1992	33.3487° N, 086.2386° W	
<i>Alydus eurinus</i>	AL: Dekalb: Alpine	MS Ent. Museum	28 September 1992	33.3487° N, 086.2386° W	
<i>Alydus eurinus</i>	AL: DeKalb: Desoto St. Prk.	AUMI00039522	18 May 1963	34.5008° N, 085.6186° W	
<i>Alydus eurinus</i>	AL: DeKalb: Desoto St. Prk.	MS Ent. Museum	19 May 1990	34.5008° N, 085.6186° W	
<i>Alydus eurinus</i>	AL: Elmore	AUMI00039152	14 October 1980	32.5647° N, 086.0122° W	
<i>Alydus eurinus</i>	AL: Elmore	AUMI00039556	24 May 2014	32.6456° N, 085.9489° W	Sweep net
<i>Alydus eurinus</i>	AL: Elmore	AUMI00039679	14 June 2012	32.5402° N, 085.89213° W	Sweeping Kudzu (<i>Pueraria lobata</i>)
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039163	6 July 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039164	6 July 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039165	13 July 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039166	18 May 1974	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039168	22 September 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039169	22 September 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039170	7 October 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039172	7 July 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Elmore: Lightwood	AUMI00039175	21 September 1973	32.7118° N, 086.3891° W	
<i>Alydus eurinus</i>	AL: Etowah	AUMI00039224	18 September 1965	34.0455° N, 086.0530° W	
<i>Alydus eurinus</i>	AL: Fayette	AUMI00105805	26 August 2015	33.6871° N, 087.7763° W	
<i>Alydus eurinus</i>	AL: Geneva	AUMI00105803	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus eurinus</i>	AL: Henry	AUMI00075490	31 May 2015	31.6095° N, 085.0882° W	Sweep net
<i>Alydus eurinus</i>	AL: Henry	AUMI00075491	31 May 2015	31.6095° N, 085.0882° W	Sweep net
<i>Alydus eurinus</i>	AL: Henry	AUMI00075492	31 May 2015	31.6095° N, 085.0882° W	Sweep net
<i>Alydus eurinus</i>	AL: Henry	AUMI00075493	31 May 2015	31.6095° N, 085.0882° W	Sweep net
<i>Alydus eurinus</i>	AL: Henry	AUMI00075494	31 May 2015	31.6095° N, 085.0882° W	Sweep net
<i>Alydus eurinus</i>	AL: Henry: Abbeville	FL State Col. Arth.	7 May 1988	31.5718° N, 085.2505° W	
<i>Alydus eurinus</i>	AL: Houston: 2 mi. S. Columbia	AUMI00039186	10 May 1975	31.2927° N, 085.1116° W	
<i>Alydus eurinus</i>	AL: Houston: 2 mi. S. Columbia	AUMI00039187	10 May 1975	31.2927° N, 085.1116° W	
<i>Alydus eurinus</i>	AL: Houston: Columbia	AUMI00039198	25 October 1975	31.2927° N, 085.1116° W	
<i>Alydus eurinus</i>	AL: Houston: Columbia	AUMI00039199	25 October 1975	31.2927° N, 085.1116° W	
<i>Alydus eurinus</i>	AL: Lee	AUMI00038920	6 November 1986	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee	AUMI00039542	27 October 2013	32.5179° N, 086.5312° W	Sweeping Utility rt. of way
<i>Alydus eurinus</i>	AL: Lee	AUMI00039547	27 October 2013	32.5179° N, 086.5312° W	Sweeping Utility rt. of way
<i>Alydus eurinus</i>	AL: Lee	AUMI00039627	30 September 2012	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039137	13 August 2014	32.5893° N, 085.4868° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039154	1 December 1961	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039156	27 June 1963	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039178	1 August 1974	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039181	15 October 1961	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039205	21 May 1956	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039206	15 July 1963	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039241	6 May 1960	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039243	28 June 1960	32.6099° N, 085.4808° W	Light trap
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039244	12 July 1960	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039246	19 October 1959	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039251	2 July 1959	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039255	19 June 1959	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039274	2 December 2014	32.5739° N, 085.4943° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039275	2 December 2014	32.5739° N, 085.4943° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039277	13 December 2014	32.5796° N, 085.4879° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039282	19 August 2014	32.5957° N, 085.4828° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039529	6 July 1959	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039568	20 July 1982	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039601	29 September 2013	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039602	29 September 2013	32.5701° N, 085.4603° W	Sweep net

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039603	29 September 2013	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039604	29 September 2013	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039609	1 September 1987	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039620	10 October 2012	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039622	20 October 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039623	20 October 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039631	21 July 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039653	1 October 2012	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00039673	18 November 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00075861	20 June 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00075862	20 June 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00075863	23 May 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00075870	5 May 1996	32.6099° N, 085.4808° W	
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00088442	9 May 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00088443	9 May 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00105806	20 September 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus eurinus</i>	AL: Lee: Auburn	AUMI00127467	9 July, 2016	32.5825° N, 085.4570° W	
<i>Alydus eurinus</i>	AL: Lee: Meadows Mill	AUMI00039535	29 June 1965	32.5291° N, 085.2546° W	
<i>Alydus eurinus</i>	AL: Lowndes	AUMI00039697	7 September 2008	32.2215° N, 086.6611° W	
<i>Alydus eurinus</i>	AL: Lowndes: Braggs	AUMI00039237	23 September 1965	32.0504° N, 086.7956° W	
<i>Alydus eurinus</i>	AL: Lowndes: Braggs	AUMI00039238	23 September 1965	32.0504° N, 086.7956° W	
<i>Alydus eurinus</i>	AL: Macon	AUMI00039680	11 June 2012	32.3731° N, 085.6846° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon	AUMI00039683	22 April 2012	32.3731° N, 085.6846° W	Sweeping Kudzu (<i>Pueraria lobata</i>)
<i>Alydus eurinus</i>	AL: Macon	AUMI00088445	1 August 2015	32.4162° N, 085.9652° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: E.V. Smith Research Farm	AUMI00039606	1 June 2006	32.4411° N, 085.8984° W	D-VAC
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039290	19 October 2014	32.4354° N, 085.6462° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039291	19 October 2014	32.4354° N, 085.6462° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039292	19 October 2014	32.4354° N, 085.6462° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039523	25 June 1963	32.4786° N, 085.6086° W	
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039554	3 November 2013	32.4418° N, 085.6329° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039555	3 November 2013	32.4418° N, 085.6329° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039654	14 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039655	14 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039656	14 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039658	14 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039663	14 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Alydus eurinus</i>	AL: Macon: Tuskegee	AUMI00039666	23 September 2012	32.4302° N, 085.7077° W	
<i>Alydus eurinus</i>	AL: Monroe	AUMI00039640	2 September 2012	31.73355° N, 087.20103° W	
<i>Alydus eurinus</i>	AL: Montgomery	AUMI00075869	11 May 2015	32.3333° N, 086.1428° W	
<i>Alydus eurinus</i>	AL: Montgomery	AUMI00127462	23 June 2016	32.1562° N, 086.0164° W	Sweep net
<i>Alydus eurinus</i>	AL: Montgomery	AUMI00127463	23 June 2016	32.1562° N, 086.0164° W	Sweep net
<i>Alydus eurinus</i>	AL: Perry	AUMI00075495	3 July 2015	32.8376° N, 087.3935° W	Sweep net
<i>Alydus eurinus</i>	AL: Perry	AUMI00075496	3 July 2015	32.8376° N, 087.3935° W	Sweep net
<i>Alydus eurinus</i>	AL: Perry	AUMI00075497	3 July 2015	32.8376° N, 087.3935° W	Sweep net
<i>Alydus eurinus</i>	AL: Perry	AUMI00075498	3 July 2015	32.8376° N, 087.3935° W	Sweep net
<i>Alydus eurinus</i>	AL: Perry	AUMI00105807	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus eurinus</i>	AL: Randolph	AUMI00075864	24 May 2015	33.1554° N, 085.6102° W	Sweep net
<i>Alydus eurinus</i>	AL: Randolph	AUMI00075865	24 May 2015	33.1554° N, 085.6102° W	Sweep net
<i>Alydus eurinus</i>	AL: Randolph	AUMI00127461	22 May 2016	33.1164° N, 085.5435° W	Sweep net
<i>Alydus eurinus</i>	AL: Randolph: Roanoke	AUMI00039249	13 July 1965	33.1512° N, 085.3722° W	
<i>Alydus eurinus</i>	AL: Randolph: Roanoke	AUMI00039273	15 October 2014	33.1512° N, 085.3722° W	
<i>Alydus eurinus</i>	AL: Russell	MS Ent. Museum	10 August 1985	32.3552° N, 085.1894° W	
<i>Alydus eurinus</i>	AL: Shelby	AUMI00039256	27 July 2014	33.3578° N, 086.5014° W	Sweep net
<i>Alydus eurinus</i>	AL: Shelby	AUMI00039257	27 July 2014	33.3578° N, 086.5014° W	Sweep net
<i>Alydus eurinus</i>	AL: Shelby	AUMI00039258	27 July 2014	33.3578° N, 086.5014° W	Sweep net
<i>Alydus eurinus</i>	AL: Shelby	AUMI00039560	27 July 2014	33.3578° N, 086.5014° W	Sweep net
<i>Alydus eurinus</i>	AL: Shelby	AUMI00039561	27 July 2014	33.3578° N, 086.5014° W	Sweep net
<i>Alydus eurinus</i>	AL: Shelby	AUMI00105802	21 August 2015	33.3039° N, 086.6611° W	
<i>Alydus eurinus</i>	AL: Shelby: Columbiana	AUMI00039608	16 July 2013	33.1782° N, 086.6072° W	Stink Bug Trap
<i>Alydus eurinus</i>	AL: Talladega Co.	AUMI00039567	1 June 2014	33.2588° N, 086.1652° W	Sweep net
<i>Alydus eurinus</i>	AL: Talladega Co.	AUMI00075866	21 June 2015	33.1142° N, 086.237° W	Sweep net
<i>Alydus eurinus</i>	AL: Talladega Co.	AUMI00075867	21 June 2015	33.1142° N, 086.237° W	Sweep net
<i>Alydus eurinus</i>	AL: Tallapoosa	AUMI00039066	30 April 2011	32.9201° N, 085.8486° W	Sweeping roadside Vegetation
<i>Alydus eurinus</i>	AL: Tallapoosa	AUMI00039071	11 September 2011	32.9201° N, 085.8486° W	Sweeping Kudzu (<i>Pueraria lobata</i>)
<i>Alydus eurinus</i>	AL: Tallapoosa	AUMI00039087	30 May 2011	32.9201° N, 085.8486° W	

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus eurinus</i>	AL: Tallapoosa	AUMI00039129	17 April 2011	32.9201° N, 085.8486° W	Sweep net
<i>Alydus eurinus</i>	AL: Tallapoosa	AUMI00088444	19 September 2015	32.8134° N, 085.6352° W	Sweep net
<i>Alydus eurinus</i>	AL: Tallapoosa: Alex City	AUMI00039250	9 July 1958	32.9440° N, 085.9539° W	
<i>Alydus eurinus</i>	AL: Tuscaloosa: Tuscaloosa	AL Museum Nat. Hist.	28 September 1970	33.2098° N, 087.5692° W	
<i>Alydus eurinus</i>	AL: Tuscaloosa: Tuscaloosa	AL Museum Nat. Hist.	10 October 1972	33.2098° N, 087.5692° W	ex: <i>Solidago</i>
<i>Alydus eurinus</i>	AL: Tuscaloosa: Tuscaloosa	AL Museum Nat. Hist.	4 November 1972	33.2098° N, 087.5692° W	
<i>Alydus eurinus</i>	AL: Wilcox	AUMI00038917	29 June 1973	32.0105° N, 087.3414° W	Manning Trap
<i>Alydus eurinus</i>	AL: Wilcox: Canton Bend	AUMI00039536	29 June 1973	32.0361° N, 087.3508° W	Manning Trap
<i>Alydus eurinus</i>	AL: Wilcox: Lower Coastal Plain SS	AUMI00039685	6 June 1966	32.0293° N, 087.3186° W	
<i>Alydus eurinus</i>	KY: Hart Co.	AUMI00039121	2 September 2007	37.3101° N, 085.8486° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	22 July, 1998	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	23 September, 1998	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	1 October 1997	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	29 October, 1997	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	1 July, 1998	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	26 September, 1997	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	TN: Coffee: AEDC	UT Collection	5 November, 1997	35.3822° N, 086.0298° W	
<i>Alydus eurinus</i>	VA: Lee Co. Civic Park	AUMI00108946	6 October 2015	36.6540° N, 083.4372° W	
<i>Alydus eurinus</i>	VA: Lee Co. Civic Park	AUMI00108947	6 October 2015	36.6540° N, 083.4372° W	
<i>Alydus pilosulus</i>	AL: Autauga	AUMI00039681	29 July 2012	32.43562° N, 086.5831° W	Sweep net
<i>Alydus pilosulus</i>	AL: Autauga	AUMI00039682	14 June 2012	32.5792° N, 086.4997° W	Sweep net
<i>Alydus pilosulus</i>	AL: Autauga: Prattville	AUMI00109023	17 September 2014	32.4640° N, 086.4597° W	Sweep net
<i>Alydus pilosulus</i>	AL: Baldwin: Foley	MS Ent. Museum	23 June 2001	30.4066° N, 087.6836° W	
<i>Alydus pilosulus</i>	AL: Baldwin: Foley	MS Ent. Museum	23 June 2001	30.4066° N, 087.6836° W	
<i>Alydus pilosulus</i>	AL: Baldwin: Gulf Shores	MS Ent. Museum	26 July 1985	30.2460° N, 087.7008° W	
<i>Alydus pilosulus</i>	AL: Baldwin: Plash Island	MS Ent. Museum	19 June 1984	30.2460° N, 087.7008° W	
<i>Alydus pilosulus</i>	AL: Baldwin: Plash Island	MS Ent. Museum	19 June 1984	30.2460° N, 087.7008° W	
<i>Alydus pilosulus</i>	AL: Barbour	AUMI00039562	8 June 2014	32.143° N, 085.3071° W	Sweep net
<i>Alydus pilosulus</i>	AL: Barbour	AUMI00039565	8 June 2014	32.143° N, 085.3071° W	Sweep net
<i>Alydus pilosulus</i>	AL: Barbour: Blue Springs	AUMI00039204	29 June 1965	31.6638° N, 085.5066° W	
<i>Alydus pilosulus</i>	AL: Barbour: Blue Springs	AUMI00039531	29 June 1965	31.6638° N, 085.5066° W	
<i>Alydus pilosulus</i>	AL: Bullock	AUMI00105828	15 November 2015	31.9888° N, 085.7895° W	Sweep net
<i>Alydus pilosulus</i>	AL: Butler	AUMI00039260	3 August 2014	31.7916° N, 086.4968° W	Sweep net
<i>Alydus pilosulus</i>	AL: Butler	AUMI00039688	9 September 2012	31.6760° N, 086.6611° W	
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00039138	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00039141	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00039144	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00039145	1 September 2014	32.7487° N, 085.7487° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00039270	17 August 2014	32.7631° N, 085.1594° W	
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00075484	17 May 2015	32.8038° N, 085.3127° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00088423	19 September 2015	32.8744° N, 085.4735° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00088424	19 September 2015	32.8744° N, 085.4735° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00088425	19 September 2015	32.8744° N, 085.4735° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chambers	AUMI00088426	19 September 2015	32.8744° N, 085.4735° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075471	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075472	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075473	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075474	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075475	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075476	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075477	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075723	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075724	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton	AUMI00075725	21 June 2015	32.7628° N, 086.5202° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton: Chilton Res. & Ext. Ctr.	AUMI00088414	8 August 2015	32.9197° N, 086.6721° W	Sweep net
<i>Alydus pilosulus</i>	AL: Chilton: Chilton Res. & Ext. Ctr.	AUMI00088415	8 August 2015	32.9197° N, 086.6721° W	Sweep net
<i>Alydus pilosulus</i>	AL: Clay	AUMI00105810	27 November 2015	33.2795° N, 085.8486° W	
<i>Alydus pilosulus</i>	AL: Clay	AUMI00127456	29 May 2016	33.1906° N, 086.0488° W	Sweep net
<i>Alydus pilosulus</i>	AL: Clay	AUMI00127457	29 May 2016	33.1906° N, 086.0488° W	Sweep net
<i>Alydus pilosulus</i>	AL: Clay	AUMI00127458	29 May 2016	33.1906° N, 086.0488° W	Sweep net
<i>Alydus pilosulus</i>	AL: Clay: Lineville	AUMI00039228	13 July 1965	33.3107° N, 085.7544° W	
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha	AUMI00039694	28 May 2012	33.4771° N, 085.8086° W	ex: <i>Daucus carota</i>
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039064	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039069	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039070	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039086	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039088	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039089	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Cheaha Pkway	AUMI00039090	30 May 2011	33.6262° N, 085.5200° W	Sweeping roadside
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039528	17 September 1965	33.2439° N, 086.1345° W	
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039579	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039581	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039583	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039584	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039587	8 June 2013	33.2439° N, 086.1345° W	Sweep net
<i>Alydus pilosulus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00127470	19 June 2016	33.5800° N, 085.6848° W	Sweep net
<i>Alydus pilosulus</i>	AL: Coosa	AUMI00039646	13 July 2011	32.8504° N, 086.03063° W	
<i>Alydus pilosulus</i>	AL: Coosa	AUMI00039648	10 August 2011	32.8504° N, 086.03063° W	
<i>Alydus pilosulus</i>	AL: Coosa	AUMI00039649	27 July 2011	32.8504° N, 086.03063° W	
<i>Alydus pilosulus</i>	AL: Coosa	AUMI00075485	21 June 2015	33.0353° N, 086.1214° W	Sweep net
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113002	25 July 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113003	18 July 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113004	21 June 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113005	27 June 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113006	13 July 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Covington: Solon Dixon Center	AUMI00113076	13 July 2014	31.1726° N, 086.6982° W	Pitfall trap
<i>Alydus pilosulus</i>	AL: Dallas	AUMI00075478	3 July 2015	32.3229° N, 086.9053° W	Sweep net
<i>Alydus pilosulus</i>	AL: Dallas	AUMI00075479	3 July 2015	32.3229° N, 086.9053° W	Sweep net
<i>Alydus pilosulus</i>	AL: Dallas	AUMI00075480	3 July 2015	32.3229° N, 086.9053° W	Sweep net
<i>Alydus pilosulus</i>	AL: Dallas	AUMI00075481	3 July 2015	32.3229° N, 086.9053° W	Sweep net
<i>Alydus pilosulus</i>	AL: Dekalb	AUMI00039225	17 September 1965	34.5211° N, 085.6846° W	
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039131	27 July 2011	32.26138° N, 086.19492° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039642	27 July 2011	32.50185° N, 086.13955° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039643	13 July 2011	32.50185° N, 086.13955° W	
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039644	13 July 2011	32.50185° N, 086.13955° W	
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039645	13 July 2011	32.50185° N, 086.13955° W	
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00039647	20 July 2011	32.50185° N, 086.13955° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Elmore	AUMI00088435	25 July 2015	32.6462° N, 085.9457° W	Sweep net
<i>Alydus pilosulus</i>	AL: Elmore: Lightwood	AUMI00039167	22 September 1973	32.7118° N, 086.3891° W	
<i>Alydus pilosulus</i>	AL: Elmore: Lightwood	AUMI00039173	21 July 1973	32.7118° N, 086.3891° W	
<i>Alydus pilosulus</i>	AL: Elmore: Lightwood	AUMI00039174	7 July 1973	32.7118° N, 086.3891° W	
<i>Alydus pilosulus</i>	AL: Elmore: Lightwood	AUMI00039176	9 November 1973	32.7118° N, 086.3891° W	
<i>Alydus pilosulus</i>	AL: Elmore: Lightwood	AUMI00039177	9 November 1973	32.7118° N, 086.3891° W	
<i>Alydus pilosulus</i>	AL: Elmore: Plant breeding Unit	AUMI00075487	6 July 2015	32.4963° N, 085.8905° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Escambia	AUMI00039111	1 July 2002	31.1395° N, 087.1423° W	
<i>Alydus pilosulus</i>	AL: Escambia	AUMI00039271	10 August 2014	31.2013° N, 087.3094° W	Sweep net
<i>Alydus pilosulus</i>	AL: Escambia	AUMI00039272	10 August 2014	31.2013° N, 087.3094° W	Sweep net
<i>Alydus pilosulus</i>	AL: Escambia: Brewton Ag. Res. Unit	AUMI00088427	17 August 2015	31.1422° N, 087.0501° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Escambia: Brewton Ag. Res. Unit	AUMI00088428	17 August 2015	31.1422° N, 087.0501° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Henry	AUMI00039101	29 October 2011	31.4469° N, 085.1894° W	Sweep net
<i>Alydus pilosulus</i>	AL: Henry	AUMI00039102	29 October 2011	31.4469° N, 085.1894° W	Sweep net
<i>Alydus pilosulus</i>	AL: Henry	AUMI00075482	31 May 2015	31.7718° N, 085.1529° W	Sweep net
<i>Alydus pilosulus</i>	AL: Henry	AUMI00075483	31 May 2015	31.7718° N, 085.1529° W	Sweep net
<i>Alydus pilosulus</i>	AL: Henry	AUMI00105809	13 September 2015	31.4469° N, 085.1894° W	
<i>Alydus pilosulus</i>	AL: Henry: Headland	AUMI00039684	1 July 1965	31.3513° N, 085.3422° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039183	26 July 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039184	26 July 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039188	10 May 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039189	10 May 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039190	10 May 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039191	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039192	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039193	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039194	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039195	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039196	20 September 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039197	3 May 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Houston: Columbia	AUMI00039201	2 August 1975	31.2927° N, 085.1116° W	
<i>Alydus pilosulus</i>	AL: Jackson: NE of Section	AUMI00039524	18 September 1965	34.5884° N, 085.9575° W	
<i>Alydus pilosulus</i>	AL: Jackson: NE of Section	AUMI00039530	18 September 1965	34.5884° N, 085.9575° W	

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus pilosulus</i>	AL: Jefferson: Birmingham	FL State Col. Arth.	24 June 1952	33.5207° N, 086.8025° W	ex: <i>Saponaria officinalis</i>
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039122	16 September 2007	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039540	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039541	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039543	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039544	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039545	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039546	27 October 2013	32.5179° N, 086.5312° W	Sweeping utility right-of-way
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039573	27 May 1980	32.6099° N, 085.4808° W	ex: clover (<i>Trifolium</i> sp.)
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039625	23 September 2012	32.5889° N, 085.3963° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039626	23 September 2012	32.5889° N, 085.3963° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee	AUMI00039628	23 September 2012	32.5889° N, 085.3963° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee	AUMI00075486	25 June 2015	32.5606° N, 085.5785° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00038913	18 May 1982	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00038919	4 May 1986	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039091	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039103	26 October 2011	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039104	12 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039105	12 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039106	12 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039107	12 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039108	12 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039109	20 November 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039110	15 September 2008	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039115	20 October 2008	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039116	20 August 2008	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039157	24 September 1927	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039158	6 October 1909	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039159	29 July 1968	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039161	4 November 1961	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039179	1 November 1974	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039242	31 May 1969	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039245	12 July 1960	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039247	11 October 1960	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039254	12 May 1970	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039276	13 December 2014	32.5796° N, 085.4879° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039278	13 December 2014	32.5796° N, 085.4879° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039284	2 September 2014	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039285	19 October 2014	32.5264° N, 085.5242° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039293	4 May 1986	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039294	4 May 1986	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039532	19 May 1959	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039569	9 July 1982	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039574	23 August 2011	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039612	20 June 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039613	20 June 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039614	20 June 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039615	20 June 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039616	20 June 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039617	21 August 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039618	21 August 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039619	20 April 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039633	6 October 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039634	6 October 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039635	6 October 2012	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039651	29 April 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039652	29 April 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039672	11 November 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039674	7 July 2012	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00039696	25 July 2012	32.6099° N, 085.4808° W	At light
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057556	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057557	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057558	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057559	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057560	31 July 2011	32.6099° N, 085.4808° W	Sweep net

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00057561	31 July 2011	32.6099° N, 085.4808° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00075488	10 July 1994	32.6099° N, 085.4808° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00088432	25 July 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105819	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105820	5 December 2015	32.5701° N, 085.4603° W	
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105821	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105822	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105823	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105824	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105825	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105826	5 December 2015	32.5701° N, 085.4603° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn	AUMI00105827	12 October 2015	32.5893° N, 085.4868° W	Sticky trap
<i>Alydus pilosulus</i>	AL: Lee: Auburn Campus	AUMI00039123	2 September 2008	32.5934° N, 085.4952° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn Campus	AUMI00039259	30 July 2014	32.5934° N, 085.4952° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn Campus	AUMI00039675	13 October 2012	32.5934° N, 085.4952° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn Campus	AUMI00039676	13 October 2012	32.5934° N, 085.4952° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: Auburn Campus	AUMI00088434	6 July 2015	32.5893° N, 085.4868° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lee: North AU Farm Ponds	AUMI00039248	23 June 1965	32.6509° N, 085.4865° W	
<i>Alydus pilosulus</i>	AL: Limestone: Athens	AUMI00080183	23 August 2015	34.75326° N, 086.95218° W	Sweep net
<i>Alydus pilosulus</i>	AL: Limestone: Athens	AUMI00080184	23 August 2015	34.75326° N, 086.95218° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lowndes	AUMI00039262	10 August 2014	32.0679° N, 086.5292° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lowndes	AUMI00039263	10 August 2014	32.0679° N, 086.5292° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lowndes	AUMI00039264	10 August 2014	32.0679° N, 086.5292° W	Sweep net
<i>Alydus pilosulus</i>	AL: Lowndes	AUMI00039265	10 August 2014	32.0679° N, 086.5292° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088416	25 July 2015	32.4462° N, 085.7943° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088417	25 July 2015	32.4462° N, 085.7943° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088418	25 July 2015	32.4462° N, 085.7943° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088419	25 July 2015	32.4462° N, 085.7943° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088420	25 July 2015	32.4462° N, 085.7943° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088421	1 August 2015	32.4462° N, 085.7942° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088422	1 August 2015	32.4462° N, 085.7942° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon	AUMI00088430	1 August 2015	32.4462° N, 085.7942° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: Chehaw	AUMI00039233	20 June 1963	32.4801° N, 085.7188° W	
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039548	13 August 2013	32.4268° N, 085.8955° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039549	13 August 2013	32.4268° N, 085.8955° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039589	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039590	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039591	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039592	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039593	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039594	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039595	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039596	14 August 2013	32.4268° N, 085.8955° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Alydus pilosulus</i>	AL: Macon: E.V. Smith	AUMI00039600	12 September 2013	32.4268° N, 085.8955° W	
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039132	23 November 2011	32.4786° N, 085.6086° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039231	25 June 1963	32.4786° N, 085.6086° W	
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039232	25 June 1963	32.4786° N, 085.6086° W	
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039657	14 October 2012	32.43532° N, 085.64555° W	
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039667	23 November 2011	32.4786° N, 085.6086° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039668	25 November 2011	32.4786° N, 085.6086° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039669	25 November 2011	32.4786° N, 085.6086° W	Sweep net
<i>Alydus pilosulus</i>	AL: Macon: Tusk. Nat. For.	AUMI00088429	2 August 2015	32.4787° N, 085.5639° W	Sweep net
<i>Alydus pilosulus</i>	AL: Madison	AL Museum Nat. Hist.	23 September 1972	34.6993° N, 086.7483° W	
<i>Alydus pilosulus</i>	AL: Marshall: Martling	AUMI00039202	28 July 1963	34.3673° N, 086.1675° W	
<i>Alydus pilosulus</i>	AL: Mobile: Dauphin Island	AUMI00039537	13 May 1978	30.2543° N, 088.1124° W	
<i>Alydus pilosulus</i>	AL: Monroe	AUMI00039636	2 September 2012	31.72767° N, 087.09238° W	
<i>Alydus pilosulus</i>	AL: Monroe	AUMI00039637	2 September 2012	31.72767° N, 087.09238° W	
<i>Alydus pilosulus</i>	AL: Monroe	AUMI00039638	2 September 2012	31.72767° N, 087.09238° W	
<i>Alydus pilosulus</i>	AL: Monroe	AUMI00039639	2 September 2012	31.72767° N, 087.09238° W	
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039133	26 October 2014	32.3666° N, 086.051° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039134	26 October 2014	32.3666° N, 086.051° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039135	26 October 2014	32.3666° N, 086.051° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039147	26 October 2014	32.3666° N, 086.051° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039266	6 July 2014	32.3726° N, 086.0048° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039267	6 July 2014	32.3922° N, 086.0754° W	Sweep net

Continued

Table A1. *Continued.*

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039268	6 July 2014	32.3922° N, 086.0754° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039269	6 July 2014	32.3922° N, 086.0754° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039550	5 October 2013	32.2698° N, 086.3626° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039551	5 October 2013	32.2698° N, 086.3626° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039552	5 October 2013	32.2698° N, 086.3626° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00039553	5 October 2013	32.2698° N, 086.3626° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery	AUMI00075489	11 May 2015	32.3333° N, 086.1428° W	Sweep net
<i>Alydus pilosulus</i>	AL: Montgomery: Hope Hull	AUMI00039577	30 July 2007	32.2695° N, 086.3567° W	
<i>Alydus pilosulus</i>	AL: Montgomery: Legrand	AUMI00039234	24 July 1965	32.1517° N, 086.2716° W	
<i>Alydus pilosulus</i>	AL: Montgomery: Legrand	AUMI00039235	24 July 1965	32.1517° N, 086.2716° W	
<i>Alydus pilosulus</i>	AL: Montgomery: Legrand	AUMI00039236	24 July 1965	32.1517° N, 086.2716° W	
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075713	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075714	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075715	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075716	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075717	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075718	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075719	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075720	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075721	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00075722	3 July 2015	32.8248° N, 087.3123° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105811	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105812	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105813	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105814	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105815	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105816	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105817	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry	AUMI00105818	9 October 2015	32.7540° N, 087.1153° W	Sweep net
<i>Alydus pilosulus</i>	AL: Perry: Marion	AUMI00039229	25 September 1965	32.6324° N, 087.3192° W	
<i>Alydus pilosulus</i>	AL: Pickens Co.	AUMI00039230	26 September 1965	33.3340° N, 088.0901° W	
<i>Alydus pilosulus</i>	AL: Pickens: Pleasant Grove	GA Museum Nat. Hist.	6 November 2002	33.4909° N, 086.9703° W	
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112989	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112990	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112991	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112992	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112993	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112994	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112995	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112996	16 October 2015	31.7701° N, 085.8932° W	Sweep net
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112997	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112998	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00112999	12 November 2015	31.7701° N, 085.8932° W	Beat sheet
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00113000	16 October 2015	31.7701° N, 085.8932° W	Sweep net
<i>Alydus pilosulus</i>	AL: Pike: Pocosin Nature Preserve	AUMI00113001	16 October 2015	31.7701° N, 085.8932° W	Sweep net
<i>Alydus pilosulus</i>	AL: Randolph	AUMI00039588	8 June 2013	33.2682° N, 085.5200° W	
<i>Alydus pilosulus</i>	AL: Randolph	AUMI00127460	22 May 2016	33.1164° N, 085.5435° W	Sweep net
<i>Alydus pilosulus</i>	AL: Randolph: Wadley	AUMI00039689	28 May 2012	33.1228° N, 085.5697° W	
<i>Alydus pilosulus</i>	AL: Randolph: Wadley	AUMI00039690	28 May 2012	33.1228° N, 085.5697° W	
<i>Alydus pilosulus</i>	AL: Russell	AUMI00088431	18 July 2015	32.3519° N, 085.3364° W	Sweep net
<i>Alydus pilosulus</i>	AL: Russell	AUMI00088432	18 July 2015	32.3546° N, 085.3098° W	Sweep net
<i>Alydus pilosulus</i>	AL: Shelby	AUMI00105808	21 August 2015	33.3039° N, 086.6611° W	
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00039148	1 September 2014	32.7991° N, 085.69° W	
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00039149	1 September 2014	32.8137° N, 085.6346° W	
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00039671	8 January 2012	32.9201° N, 085.8486° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00039687	18 August 1965	32.9201° N, 085.8486° W	
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088407	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088408	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088409	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088410	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088411	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088412	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tallapoosa	AUMI00088413	19 September 2015	32.7996° N, 085.6900° W	Sweep net
<i>Alydus pilosulus</i>	AL: Tuscaloosa: Tuscaloosa	AL Museum Nat. Hist.	28 September 1970	33.2098° N, 087.5692° W	
<i>Alydus pilosulus</i>	AL: Tuscaloosa: Tuscaloosa	AL Museum Nat. Hist.	20 August 1973	33.2098° N, 087.5692° W	

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Alydus pilosulus</i>	AL: Walker: Oakman: Corona Mine	AL Museum Nat. Hist.	4 August 1976	33.7594° N, 087.4176° W	
<i>Alydus pilosulus</i>	AL: Walker: Oakman: Corona Mine	AL Museum Nat. Hist.	2 October 1976	33.7594° N, 087.4176° W	
<i>Alydus pilosulus</i>	FL: Highlands: Archbold	AUMI00039120	17 October 2008	27.1829° N, 081.3521° W	
<i>Alydus pilosulus</i>	FL: Highlands: Archbold	AUMI00039280	7 November 2014	27.1829° N, 081.3521° W	
<i>Alydus pilosulus</i>	FL: Highlands: Archbold	AUMI00039283	7 November 2014	27.1829° N, 081.3521° W	
<i>Alydus pilosulus</i>	GA: Tifton	AUMI00039281	5 September 2014	31.4206° N, 083.5497° W	
<i>Alydus pilosulus</i>	OH: Clermont	AUMI00039155	1 September 1915	39.0928° N, 084.1857° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	8 October, 1997	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	2 October, 1998	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	8 October, 1997	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	15 October, 1997	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	26 September, 1997	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	22 July, 1998	35.3822° N, 086.0298° W	
<i>Alydus pilosulus</i>	TN: Coffee: AEDC	UT Collection	5 August, 1998	35.3822° N, 086.0298° W	
<i>Hyalymenus</i> sp.	AL: Covington	AUMI00112988	15 November 2015	31.2547° N, 086.2892° W	
<i>Hyalymenus</i> sp.	AL: Dallas: Selma	AUMI00039572	11 September 2012	32.4074° N, 087.0211° W	
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109024	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109025	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109026	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109027	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109028	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109029	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Geneva	AUMI00109030	13 September 2015	31.0990° N, 085.6846° W	Sweeping Soybeans (<i>Glycine max</i>)
<i>Hyalymenus</i> sp.	AL: Lee: Auburn	AUMI00039119	17 September 2009	32.6099° N, 085.4808° W	
<i>Hyalymenus</i> sp.	AL: Lee: Auburn	AUMI00109033	1 July 2015	32.6099° N, 085.4808° W	
<i>Hyalymenus</i> sp.	AL: Macon: Notasulga	AUMI00039688	18 August 2007	32.5607° N, 085.6725° W	Sweep net
<i>Hyalymenus</i> sp.	AL: Montgomery	AUMI00112986	20 February 2016	32.3697° N, 086.1767° W	Under <i>Carya</i> bark
<i>Hyalymenus</i> sp.	FL: Merrit Island	AUMI00038914	1 July 1974	28.3181° N, 080.6660° W	
<i>Hyalymenus</i> sp.	FL: Okaloosa - Shalimar	AUMI00109031	4 September 2015	30.4458° N, 086.5791° W	
<i>Hyalymenus</i> sp.	FL: Okaloosa - Shalimar	AUMI00109032	27 August 2015	30.4458° N, 086.5791° W	
<i>Hyalymenus</i> sp.	FL: Okaloosa Co.	AUMI00075872	5 October 2014	30.4458° N, 086.5791° W	
<i>Megalotomus quinquespinosus</i>	AL: Cleburne: Talladega Nat. For.	AUMI00039586	8 June 2013	33.2439° N, 086.1345° W	
<i>Megalotomus quinquespinosus</i>	AL: Cleburne: Talladega Nat. For.	MS Ent. Museum	19 May 1998	33.2439° N, 086.1345° W	
<i>Megalotomus quinquespinosus</i>	AL: Cleburne: Talladega Nat. For.	MS Ent. Museum	19 May 1998	33.2439° N, 086.1345° W	
<i>Megalotomus quinquespinosus</i>	AL: Dekalb	AUMI00039128	3 November 2010	34.27° N, 085.411° W	Sweeping Kudzu (<i>Pueraria lobata</i>)
<i>Megalotomus quinquespinosus</i>	AL: Dekalb: Alpine	MS Ent. Museum	28 September 1992	33.3487° N, 086.2386° W	
<i>Megalotomus quinquespinosus</i>	AL: Elmore	AUMI00039557	24 May 2014	32.6227° N, 085.9366° W	
<i>Megalotomus quinquespinosus</i>	AL: Elmore	AUMI00039558	24 May 2014	32.6227° N, 085.9366° W	
<i>Megalotomus quinquespinosus</i>	AL: Elmore: Lightwood	AUMI00039162	6 July 1973	32.7118° N, 086.3891° W	
<i>Megalotomus quinquespinosus</i>	AL: Elmore: Lightwood	AUMI00039171	10 November 1973	32.7118° N, 086.3891° W	
<i>Megalotomus quinquespinosus</i>	AL: Houston: Columbia	AUMI00039200	25 October 1975	31.2927° N, 085.1116° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00038912	14 October 1952	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00039180	14 October 1952	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00039207	26 June 1962	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00039253	4 October 1960	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00039605	19 June 2014	32.5825° N, 085.457° W	At light
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	AUMI00039629	21 September 2012	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn	GA Museum Nat. Hist.	18 March 1986	32.6099° N, 085.4808° W	
<i>Megalotomus quinquespinosus</i>	AL: Lee: Auburn University	AUMI00127468	2 July, 2016	32.5889° N 085.4942° W	
<i>Megalotomus quinquespinosus</i>	AL: Macon: Notasulga	AUMI00039570	10 October 2006	32.5607° N, 085.6725° W	
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039067	15 October 2011	32.4786° N, 085.6086° W	
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039097	22 October 2011	32.4786° N, 085.6086° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039098	22 October 2011	32.4786° N, 085.6086° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039099	22 October 2011	32.4786° N, 085.6086° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039100	22 October 2011	32.4786° N, 085.6086° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039659	7 October 2012	32.43532° N, 085.64555° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039660	7 October 2012	32.4472° N, 085.63292° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039661	7 October 2012	32.4472° N, 085.63292° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039662	14 October 2012	32.4472° N, 085.63292° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039664	14 October 2012	32.4472° N, 085.63292° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039665	7 October 2012	32.4472° N, 085.63292° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00039670	1 December 2012	32.44177° N, 085.63289° W	
<i>Megalotomus quinquespinosus</i>	AL: Macon: Tusk. Nat. For.	AUMI00127469	28 May, 2016	32.4766° N 085.6187° W	Sweep net
<i>Megalotomus quinquespinosus</i>	AL: Pickens	MS Ent. Museum	22 May 1988	33.3340° N, 088.0901° W	
<i>Megalotomus quinquespinosus</i>	AL: Tallapoosa: Dadeville	AUMI00039539	6 October 1958	32.8312° N, 085.7636° W	

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Megalotomus quinquespinosus</i>	AL: Winston: Bankhead Nat. For.	AUMI00039538	17 September 1963	34.2372° N, 087.3344° W	
<i>Megalotomus quinquespinosus</i>	FL: Highlands: Archbold	AUMI00039114	7 October 2011	27.1829° N, 081.3521° W	
<i>Megalotomus quinquespinosus</i>	GA: Gwinett: Loganville	AUMI00039571	12 April 2013	33.8390° N, 083.9007° W	
<i>Stachyocnemus apicalis</i>	AL: Dale: Fort Rucker	GA Museum Nat. Hist.	12 January – 15 February 2000	31.3401° N, 085.7154° W	
<i>Stachyocnemus apicalis</i>	AL: Dale: Fort Rucker	GA Museum Nat. Hist.	15 April – 23 May 2000	31.3401° N, 085.7154° W	
<i>Stachyocnemus apicalis</i>	SD: Custer Co.	AUMI00039289	8 July 2013	43.64386° N, 0103.45768° W	Pitfall trap
Micrellytrinae					
<i>Esperanza texana</i>	AL: Baldwin	FL State Col. Arth.	6 May 2000	30.6011° N, 087.7763° W	
<i>Esperanza texana</i>	AL: Bullock	AUMI00039566	24 April 2014	32.1461° N, 085.7772° W	Sweep net
<i>Esperanza texana</i>	AL: Butler	AUMI00039287	10 August 2014	31.652° N, 086.7762° W	Sweeping roadside vegetation
<i>Esperanza texana</i>	AL: Conecuh	AUMI00039286	10 August 2014	31.4576° N, 086.9666° W	Sweep net
<i>Esperanza texana</i>	AL: Cullman: AAES Research Center	AUMI00039693	11 June 2012	34.1939° N, 086.7993° W	Sweep net
<i>Esperanza texana</i>	AL: Dallas	AUMI00039597	16 March 2012	32.2332° N, 087.1423° W	
<i>Esperanza texana</i>	AL: Dallas	AUMI00039598	16 March 2012	32.2332° N, 087.1423° W	
<i>Esperanza texana</i>	AL: Dallas	AUMI00039621	16 March 2012	32.2332° N, 087.1423° W	
<i>Esperanza texana</i>	AL: Elmore	AUMI00039641	17 August 2011	32.50185° N, 086.13955° W	Sticky trap
<i>Esperanza texana</i>	AL: Elmore	AUMI00039650	13 July 2011	32.43563° N, 086.32487° W	
<i>Esperanza texana</i>	AL: Elmore	AUMI00088447	4 July 2015	32.5701° N, 085.4603° W	Sweep net
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039068	2 October 2011	32.6099° N, 085.4808° W	Sweep net
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039136	5 September 2014	32.5825° N, 085.457° W	at light
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039252	1 October 1975	32.6099° N, 085.4808° W	
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039534	1 May 1965	32.6099° N, 085.4808° W	
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039630	21 July 2012	32.6099° N, 085.4808° W	Sweep net
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039632	21 July 2012	32.6099° N, 085.4808° W	Sweep net
<i>Esperanza texana</i>	AL: Lee: Auburn	AUMI00039678	21 July 2012	32.6099° N, 085.4808° W	Sweep net
<i>Esperanza texana</i>	AL: Lee: Auburn Campus	AUMI00112987	29 February 2016	32.5871° N, 085.4893° W	Sweep net
<i>Esperanza texana</i>	AL: Lowndes	AUMI00039607	16 March 2012	32.21536° N, 086.54849° W	
<i>Protenor australis</i>	FL: Highlands: Archbold	AUMI00039576	18 October 2013	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	AL: Chilton: Clanton	AUMI00039125	1 May 2007	32.8387° N, 086.6294° W	
<i>Stenocoris furcifera</i>	AL: Lee: Auburn	AUMI00075875	9 September 2011	32.6099° N, 085.4808° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI000109017	3 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI000109018	1 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI000109019	1 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI000109021	3 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI000109022	1 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI00039113	7 October 2011	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI00039117	10 October 2009	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI00039118	18 October 2008	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI00039575	18 October 2013	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Archbold	AUMI00075876	23 May 1997	27.1829° N, 081.3521° W	
<i>Stenocoris furcifera</i>	FL: Highlands: Venus	AUMI000109020	3 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris tipuloides</i>	AL: Baldwin: Fairhope	AUMI00039203	15 May 1957	30.5230° N, 087.9033° W	
<i>Stenocoris tipuloides</i>	AL: Baldwin: Fairhope	AUMI00039288	15 May 1957	30.5230° N, 087.9033° W	
<i>Stenocoris tipuloides</i>	AL: Baldwin: Oyster Bay	MS Ent. Museum	8 September 1988	30.2855° N, 087.7430° W	
<i>Stenocoris tipuloides</i>	AL: Barbour	AUMI00039611	20 June 2013	31.8173° N, 085.3550° W	Light trap
<i>Stenocoris tipuloides</i>	AL: Elmore: Plant Breeding Unit	AUMI00032261	14 June 2012	32.4963° N, 085.8905° W	
<i>Stenocoris tipuloides</i>	AL: Elmore: Plant Breeding Unit	AUMI00039695	14 June 2012	32.4963° N, 085.8905° W	
<i>Stenocoris tipuloides</i>	AL: Escambia: Brewton Ag. Res. Unit	AUMI00080182	24 August 2015	31.1422° N, 087.0501° W	Sticky trap
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039072	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039074	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039075	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039092	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039093	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039094	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00039095	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00075873	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston	AUMI00075874	29 October 2011	31.1319° N, 085.3136° W	Sweep net
<i>Stenocoris tipuloides</i>	AL: Houston: Columbia	AUMI00039182	26 July 1975	31.2927° N, 085.1116° W	
<i>Stenocoris tipuloides</i>	AL: Houston: Columbia	AUMI00039185	26 April 1975	31.2927° N, 085.1116° W	
<i>Stenocoris tipuloides</i>	AL: Lee: Auburn	AUMI00032336	Summer 1987	32.6099° N, 085.4808° W	
<i>Stenocoris tipuloides</i>	AL: Lee: Auburn	AUMI00039160	2 October 1909	32.6099° N, 085.4808° W	
<i>Stenocoris tipuloides</i>	AL: Lee: Auburn	AUMI00039578	8 September 2013	32.6099° N, 085.4808° W	
<i>Stenocoris tipuloides</i>	AL: Lee: Auburn	AUMI00039624	20 October 2012	32.6099° N, 085.4808° W	
<i>Stenocoris tipuloides</i>	AL: Lee: Auburn	AUMI00039677	11 November 2012	32.6099° N, 085.4808° W	Sweep net

Continued

Table A1. Continued.

Species	State: county: specific locality	Voucher number	Date	Geographic coordinates	Other notes/collecting method
<i>Stenocoris tipuloides</i>	AL: Limestone: Tanner	AUMI00109014	14 August 2015	34.7315° N, 086.9706° W	
<i>Stenocoris tipuloides</i>	AL: Mobile: Mobile Orn. Hort. Field Stat.	AUMI00127471	16 May 2016	30.7018° N, 088.1453° W	Sweeping <i>Castanea pumila</i>
<i>Stenocoris tipuloides</i>	FL: Bay: Panama City	AUMI00039692	28 August 2008	30.1588° N, 085.6602° W	
<i>Stenocoris tipuloides</i>	FL: Highlands: Archbold	AUMI00075871	23 May 1997	27.1829° N, 081.3521° W	
<i>Stenocoris tipuloides</i>	FL: Highlands: Archbold	AUMI00109015	2 October 2015	27.1829° N, 081.3521° W	
<i>Stenocoris tipuloides</i>	FL: Okaloosa: Shalimar	AUMI00109016	27 August 2015	30.4458° N, 086.5791° W	
<i>Stenocoris tipuloides</i>	FL: Walton: Topsail Hill Preserve St. Prk.	AUMI00109013	13 August 2015	30.3698° N, 086.2967° W	
<i>Stenocoris tipuloides</i>	TX: Bryan	AUMI00038915	12 October 1975	30.6744° N, 096.3700° W	